

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application;

1. (Currently Amended) A recording and reproducing apparatus comprising:

reproducing means for reproducing main data and first management data for managing said main data that are recorded in a first recording medium,

recording and reproducing means for recording in and reproducing from a second recording medium the main data reproduced from said first recording medium and second management data for managing said main data to be recorded in said second record medium,

end detection means for detecting an end of each track of the main data reproduced ~~from~~ by said reproducing means,

complete reproducing detection means for detecting that ~~said~~ each track has been reproduced completely,

management data renewal means for renewing the second management data to be recorded in said second recording medium based on detection results from said end detection means and said complete reproducing detection means, and

control means for controlling recording of the main data reproduced from said first recording medium into said second recording medium based on said second management data[[,]] and for controlling said management data renewal means so as to

renew said second management data when said main data is recorded in said second recording medium.

2. (Currently Amended) [[A]] The recording and reproducing apparatus according to claim 1, wherein

said second management data is renewed based on a reproduction order of tracks ~~recorded~~ contained in said first management data.

3. (Currently Amended) [[A]] The recording and reproducing apparatus according to claim 2, further comprising:

reproduction order changing means for ~~making~~ changing a reproduction order of tracks of the main data reproduced from the first recording medium ~~in reproduction order to be different from that~~ than a reproduction order of tracks recorded [[in]] as said first management data, wherein

even though the main data recorded in said first recording medium is reproduced in the reproduction order different ~~from that~~ than the reproduction order of tracks recorded [[in]] as said first management data by said reproduction order changing means, said second management data is renewed by said management data renewal means, based on the reproduction order of tracks recorded [[in]] as said first management data.

4. (Currently Amended) [[A]] The recording and reproducing

apparatus according to claim 3, wherein

said reproduction order changing means decides the reproduction order of the main data from said first recording medium based on an input from [[an]] operation means operated by a user.

5. (Currently Amended) A recording and reproducing apparatus according to claim 3, further comprising

random ~~numbers~~ number generator means for generating random numbers, wherein said reproduction order changing means decides the reproduction order of the main data ~~prerecorded~~ recorded in said first recording medium based on random numbers generated by said random ~~numbers~~ number generator means.

6. (Currently Amended) A recording and reproducing apparatus according to claim 1, wherein

when it is estimated based on said second management data that the main data ~~prerecorded~~ is being reproduced from said first recording medium, recording of said main data being reproduced into said second recording medium is restricted.

7. (Currently Amended) [[A]] The recording and reproducing apparatus according to claim 1, wherein

when it is estimated that the main data ~~not yet~~ to be recorded in the second recording medium is reproduced from said

first recording medium, said control means controls said! management data renewal means so as to renew said second management data based on management data concerning the main data ~~not yet~~ to be recorded in the second recording medium[[,]] that is reproduced from said first recording medium.

8. (Currently Amended) A recording and reproducing apparatus according to claim 1, further comprising

divider means ~~that divides~~ for dividing the main data recorded in the second recording medium based on an end detection signal of each track of the main data from said end detection means for recording.

9. (Currently Amended) A recording and reproducing method for a recording and reproducing apparatus including reproducing means for reproducing main data and first management data for managing said main data that are recorded in a first recording medium, ~~recording and reproducing means~~ for recording in a second recording medium and reproducing from the second recording medium the main data reproduced from said first recording medium and [[a]] second management data for managing said main data to be recorded in said second recording medium, and control means for ~~making various controls, in which~~ for controlling recording or reproduction of said main data ~~is performed~~ based on said second management data, the recording

and reproducing method comprising the steps of:

detecting an end of each track of the main data reproduced ~~from~~ by said reproducing means,

detecting that said each track has been reproduced completely,

renewing the second management data to be recorded in said second recording medium based on detected results of said end ~~detection~~ detecting step and said complete reproducing ~~detection~~ detecting step, and

controlling recording the main data reproduced from said first recording medium in said second recording medium based on said second management data, and controlling said management data ~~renewal~~ renewing step so as to renew said second management data ~~by second recording medium~~ when said main data is recorded in said second recording medium.

10. (Currently Amended) [[A]] The recording and reproducing method according to claim 9, wherein

said second management data is renewed based on a reproduction order recorded in said first management data.

11. (Currently Amended) A recording and reproducing method according to claim 10, further comprising

a reproduction order changing step of ~~making~~ changing a reproduction order of tracks of the main data reproduced from

said first recording medium ~~in reproduction order~~ to be different ~~from then~~ a reproduction order of tracks recorded ~~[[in]]~~ as said first management data, wherein

even though the main data recorded in said first recording medium is reproduced in the reproduction order different ~~from~~ than that of tracks recorded in said first recording medium by said reproduction order changing step, said second management data is renewed by said second management data ~~renewal~~ renewing step based on the reproduction order of tracks recorded ~~[[in]]~~ as said first management data.

12. (Currently Amended) ~~[[A]]~~ The recording and reproducing method according to claim 11, wherein

the reproduction order of the main data from said first recording medium is determined based on an input from operation means operated by a user in said reproduction order changing step.

13. (Currently Amended) ~~[[A]]~~ The recording and reproducing method according to claim 11, further comprising

a random number of generating step of generating random numbers, wherein the reproduction order of the main data recorded in said first recording medium is determined in said reproduction order changing step based on the random numbers generated in said random number generating step.

14. (Currently Amended) [[A]] The recording and reproducing method according to claim 9, wherein

when it is estimated based on said second management data that the main data ~~already recorded~~ is being reproduced from said first recording medium, recording said main data ~~being reproduced~~ in said second recording medium is restrained in said step of controlling step recording.

15. (Currently Amended) [[A]] The recording and reproducing method according to claim 9, wherein

when it is estimated in said control step that the main data not yet recorded in the second recording medium is reproduced from said first recording medium, said management data renewal step is controlled so as to renew said second management data based on management data concerning the main data that is reproduced from said first recording medium and not yet recorded in the second recording medium.

16. (Currently Amended) [[A]] The recording and reproducing method according to claim 9, further comprising

a ~~divide~~ dividing step of dividing the main data to be recorded in the second recording medium based on an end detection signal of each track of the main data from said end ~~detection~~ detecting step ~~for recording~~.